

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5800325").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/13 11:43
S2	1846	sensor with (knife or blade) with position	US-PGPUB; USPAT	OR	ON	2004/01/12 13:49
S3	245	(sensor with (knife or blade) with position) and "83"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2004/01/12 15:31
S4	17	("1357241" "3178974" "3310855" "3573859" "3589222" "3800363" "3958482" "4386465" "4391168" "4523500" "4554852" "5195410" "5216614" "5228372" "5301587" "5365816" "5799555").PN.	USPAT	OR	ON	2004/01/12 14:02
S5	53	(83/362).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/12 14:32
S6	23	(sensor with (knife or blade) with position) and (83/72.ccls. or 83/76.ccls.)	US-PGPUB; USPAT	OR	ON	2004/01/12 15:20
S7	15	("1357241" "3178974" "3310855" "3573859" "3800363" "3958482" "4386465" "4391168" "4554852" "5195410" "5216614" "5228372" "5301587" "5365816" "5799555").PN.	USPAT	OR	ON	2004/01/12 15:09
S8	149	(83/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/30 15:58
S9	40	(sensor with (knife or blade) with position) and "493"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2004/01/12 15:40
S10	4	("4070951" "4617850" "4834698" "5201697").PN.	USPAT	OR	ON	2004/01/12 15:33
S11	1	(sensor with (knife or blade) with position) and "493"/\$.ccls.	USOCR	OR	ON	2004/01/12 15:41

S12	22955	(synchronize or synchronized or synchronizing or synchronization) same (cut or cutter or cutting)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/04 13:27
S13	7715	(synchronize or synchronized or synchronizing or synchronization) with (cut or cutter or cutting)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/04 13:27
S14	1652	S13 and ("83"/\$.ccls. or "493"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/04 13:27
S15	1	("3178974").PN.	USOCR	OR	OFF	2005/11/21 17:42
S16	106	(83/354).CCL.S.	US-PGPUB; USPAT	OR	OFF	2006/05/30 16:12
S17	7	("3442168").URPN.	USPAT	OR	ON	2006/05/30 16:05
S18	0	(83/354).CCL.S.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 16:11
S19	205	((83/76) or (83/362)).CCL.S.	US-PGPUB; USPAT	OR	OFF	2006/05/30 16:26
S20	15	((83/76) or (83/362)).CCL.S.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 16:26
S21	2802	(indicia same (sense or sensor)) and (cut or cutter or cutting or blade or knife) and (vary or varying or adjust or adjusting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 16:29
S22	543	S21 and (synchronize or synchronizing or synchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 16:36
S23	16	S22 and ("83"/\$.ccls. or "493"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 16:37
S24	1	("4077287").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 19:00
S25	318	((83/76) or (83/354) or (83/362)).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:44

S26	27	("2310914" "2441837" "3604300" "3736821" "3978703" "4158976" "4170155" "4302996" "4387614" "4464959" "4497229" "4512225" "4532840" "4543863" "4585600" "4737904" "4781090" "5205190" "5433065" "5713256" "5727435" "5850773" "5857393" "5921160" "6508152").PN. OR ("6769336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/13 15:13
S27	15	("3614572" "4183271" "4266276" "4283975" "Re30628"). PN. OR ("4497229"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/13 16:36
S28	76	("1946457" "2108410" "2576529" "2877846" "2971414" "3000250" "3094027" "3105405" "3143017" "3169432" "3401585" "3543620" "3543624" "3811768" "3828636" "3869950" "3945279" "3956954" "3982454" "4119003" "4183271" "4194421" "4201102" "4255998" "4287797" "4293774" "4297930" "4356745" "4380940" "4423925" "4449433" "4497229" "4519868" "4618391" "4664006" "4719575" "4721058" "4781090" "4896605" "4943341" "5000069" "5000812" "5001952" "5095219" "5119725" "5130724" "5235882" "5241884"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/13 18:10

		"5257567" "5359915" "5415092" "5432586").PN. OR ("5765460").URPN.				
S29	15902	(cut or cutter or cutting or blade or knife) and (synchronize or synchronized or synchronizing or synchronization) and (sense or sensed or sensing or detect or detected or detecting or detection) and (actuate or actuated or actuating or actuation) and (adjust or adjusted or adjusting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 18:42
S30	444	S29 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 18:43
S31	144	S30 and web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 18:43
S32	2702	((cut or cutter or cutting or blade or knife) with (sense or sensed or sensing or detect or detected or detecting or detection)) and (synchronize or synchronized or synchronizing or synchronization) and (actuate or actuated or actuating or actuation) and (adjust or adjusted or adjusting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 18:44
S33	251	S32 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 18:44

S34	82	S33 and web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 18:45
S35	15	("3276647" "4201102" "4211132" "4255998").PN. OR ("4669344").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 18:46
S36	20	((cut or cutter or cutting or blade or knife) near3 (reciprocate or reciprocated or reciprocating or reciprocation or oscillate or oscillated or oscillating or oscillation) with (sense or sensed or sensing or detect or detected or detecting or detection)) and (synchronize or synchronized or synchronizing or synchronization) and (actuate or actuated or actuating or actuation) and (adjust or adjusted or adjusting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 20:44
S37	2681	((cut or cutter or cutting or blade or knife) near3 (reciprocate or reciprocated or reciprocating or reciprocation or oscillate or oscillated or oscillating or oscillation)) and ((cut or cutter or cutting or blade or knife) with (sense or sensed or sensing or detect or detected or detecting or detection))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 20:52
S38	432	S37 and (synchronize or synchronized or synchronizing or synchronization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 20:52

S39	85	S38 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 20:53
S40	1788	((cut or cutter or cutting or blade or knife) near3 (reciprocate or reciprocated or reciprocating or reciprocation)) and ((cut or cutter or cutting or blade or knife) with (sense or sensed or sensing or detect or detected or detecting or detection))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 21:50
S41	421	S40 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 21:51
S42	72	S41 and (synchronize or synchronized or synchronizing or synchronization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 21:52
S43	185	(83/597-612).ccls. and (sense or sensor or sensing or detect or detected or detecting or detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/18 20:11
S44	56	S43 and ((sense or sensor or sensing or detect or detected or detecting or detection) with (tool or blade or knife or cutter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/18 20:12
S45	4	("3772986" "5762480" "5921125" "6626022").PN. OR ("7004006").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 15:42
S46	8	("3722435" "3731577" "3888395" "4589761" "4621585" "4688499" "4856439" "4962712").PN. OR ("5355598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/19 17:23

S47	47	(("5315807") or ("5346150") or ("5481083") or ("6145777") or ("5967447") or ("6019306") or ("5632849") or ("4313359") or ("4333372") or ("5954291") or ("5996237") or ("6149099") or ("4422588") or ("4530265") or ("4919352") or ("4930383") or ("5261262") or ("5572433") or ("5659538") or ("5662018") or ("6155152") or ("6220134") or ("6220134") or ("6244321") or ("20030089209") or ("20060016307") or ("20060261208") or ("6217497") or ("6217497") or ("6451145") or ("6093139") or ("5800325") or ("6024683") or ("4455190") or ("5687622") or ("5916335") or ("6071222") or ("6079470") or ("6206321") or ("5918518") or ("6058817") or ("6058817") or ("4275629") or ("5199341") or ("5245899") or ("5271302") or ("3898900") or ("3847046") or ("3824907") or ("4143568"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:26
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S48	47	(US-20030089209-\$ or US-20060016307-\$ or US-20060261208-\$).did. or (US-5315807-\$ or US- 5346150-\$ or US- 5481083-\$ or US- 6145777-\$ or US- 5967447-\$ or US- 6019306-\$ or US- 5632849-\$ or US- 4313359-\$ or US- 4333372-\$ or US- 5954291-\$ or US- 5996237-\$ or US- 6149099-\$ or US- 4422588-\$ or US- 4530265-\$ or US- 4919352-\$ or US- 4930383-\$ or US- 5261262-\$ or US- 5572433-\$ or US- 5659538-\$ or US- 5662018-\$ or US- 6155152-\$ or US- 6220134-\$ or US- 6244321-\$ or US- 6217497-\$ or US- 6451145-\$ or US- 6093139-\$).did. or (US- 5800325-\$ or US- 6024683-\$ or US- 4455190-\$ or US- 5687622-\$ or US- 5916335-\$ or US- 6071222-\$ or US- 6079470-\$ or US- 6206321-\$ or US- 5918518-\$ or US- 6058817-\$ or US- 4275629-\$ or US- 5199341-\$ or US- 5245899-\$ or US- 5271302-\$ or US- 3898900-\$ or US- 3847046-\$ or US- 3824907-\$ or US- 4143568-\$).did.	US-PGPUB; USPAT	OR	ON	2008/05/20 15:37
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S49	47	(US-20030089209-\$ or US-20060016307-\$ or US-20060261208-\$).did. or (US-5315807-\$ or US- 5346150-\$ or US- 5481083-\$ or US- 6145777-\$ or US- 5967447-\$ or US- 6019306-\$ or US- 5632849-\$ or US- 4313359-\$ or US- 4333372-\$ or US- 5954291-\$ or US- 5996237-\$ or US- 6149099-\$ or US- 4422588-\$ or US- 4530265-\$ or US- 4919352-\$ or US- 4930383-\$ or US- 5261262-\$ or US- 5572433-\$ or US- 5659538-\$ or US- 5662018-\$ or US- 6155152-\$ or US- 6220134-\$ or US- 6244321-\$ or US- 6217497-\$ or US- 6451145-\$ or US- 6093139-\$).did. or (US- 5800325-\$ or US- 6024683-\$ or US- 4455190-\$ or US- 5687622-\$ or US- 5916335-\$ or US- 6071222-\$ or US- 6079470-\$ or US- 6206321-\$ or US- 5918518-\$ or US- 6058817-\$ or US- 4275629-\$ or US- 5199341-\$ or US- 5245899-\$ or US- 5271302-\$ or US- 3898900-\$ or US- 3847046-\$ or US- 3824907-\$ or US- 4143568-\$).did.	US-PGPUB; USPAT	OR	ON	2008/05/20 15:38
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S50	47	(US-20030089209-\$ or US-20060016307-\$ or US-20060261208-\$).did. or (US-5315807-\$ or US-5346150-\$ or US-5481083-\$ or US-6145777-\$ or US-5967447-\$ or US-6019306-\$ or US-5632849-\$ or US-4313359-\$ or US-4333372-\$ or US-5954291-\$ or US-5996237-\$ or US-6149099-\$ or US-4422588-\$ or US-4530265-\$ or US-4919352-\$ or US-4930383-\$ or US-5261262-\$ or US-5572433-\$ or US-5659538-\$ or US-5662018-\$ or US-6155152-\$ or US-6220134-\$ or US-6244321-\$ or US-6217497-\$ or US-6451145-\$ or US-6093139-\$).did. or (US-5800325-\$ or US-6024683-\$ or US-4455190-\$ or US-5687622-\$ or US-5916335-\$ or US-6071222-\$ or US-6079470-\$ or US-6206321-\$ or US-5918518-\$ or US-6058817-\$ or US-4275629-\$ or US-5199341-\$ or US-5245899-\$ or US-5271302-\$ or US-3898900-\$ or US-3847046-\$ or US-3824907-\$ or US-4143568-\$).did.	US-PGPUB; USPAT	OR	ON	2008/05/20 15:38
S51	0	S48 not S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:39

S52	0	S48 not S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:39
S53	47	((("5315807") or ("5346150") or ("5481083") or ("6145777") or ("5967447") or ("6019306") or ("5632849") or ("4313359") or ("4333372") or ("5954291") or ("5996237") or ("6149099") or ("4422588") or ("4530265") or ("4919352") or ("4930383") or ("5261262") or ("5572433") or ("5659538") or ("5662018") or ("6155152") or ("6220134") or ("6220134") or ("6244321") or ("20030089209") or ("20060016307") or ("20060261208") or ("6217497") or ("6217497") or ("6451145") or ("6093139") or ("5800325") or ("6024683") or ("4455190") or ("5687622") or ("5916335") or ("6071222") or ("6079470") or ("6206321") or ("5918518") or ("6058817") or ("6058817") or ("4275629") or ("5199341") or ("5245899") or ("5271302") or ("3898900") or ("3847046") or ("3824907") or ("4143568"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 15:40

S54	0	S48 not S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:40
S55	7	((("3347119") or ("3756149") or ("4416200") or ("4617850") or ("4719855") or ("5286317") or ("5879278")).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/27 14:22
S56	211	((83/327) or (83/328)). CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/27 15:59
S57	7	("2261007").PN. OR ("3946630").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/27 16:18
S58	12	((83/327) or (83/328)). CCLS.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/27 16:30
S59	469	(83/371).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/27 16:33
S60	51383	(sensor or sensing or detector or detected or detecting or detection) near3 (tool or cutter or cutting or blade or knife)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 17:22
S61	660	S60 and (oscillate or oscillated or oscillating or oscillation) near3 (tool or cutter or cutting or blade or knife)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 17:24
S62	42	S61 and web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 17:24
S63	50597	(oscillate or oscillated or oscillating or oscillation or reciprocate or reciprocated or reciprocating or reciprocation) near3 (tool or cutter or cutting or blade or knife)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 18:13

S64	1462	S63 and ((tool or cutter or cutting or blade or knife) near3 (sensor or sensing or detector or detected or detecting or detection))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 18:14
S65	136	S64 and web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 18:15
S66	5960	(detect or detected or detecting or senses or sensing) near2 (knife or blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 18:25
S67	539	S66 and "83"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 18:26
S68	80	S67 and ((oscillate or oscillated or oscillating or reciprocate or reciprocated or reciprocating or reciprocation) near3 (knife or blade))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 18:28
S69	129870	((sensor or sensing or detect or detected or detecting or detection) with (tool or blade or knife or cutter or cutting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 10:32
S70	1155	S69 and (83/350-372).cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 10:33
S71	249	S70 and web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 10:33

S72	4856	(sensor or sensing or detect or detector or detecting or detection) with ((tool or blade or knife or cutter or cutting) with path)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 18:17
S73	202	S72 and (83/350-372). ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 18:18
S74	8	("3707103" "3820429" "4077287" "4128887").PN. OR ("4193329").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 11:01
S75	8	("3811768" "3813976" "3933069" "3992965" "4020406" "4034635").PN. OR ("4128887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 11:03
S76	29	("3181403" "3604300" "3668957" "3706248" "3730810" "3870936").PN. OR ("4020406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 11:07

5/ 30/ 08 8:04:02 PM

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